

Message

From: MacNicholl, Peter@DTSC [Peter.MacNicholl@dtsc.ca.gov]
Sent: 4/2/2018 4:28:49 PM
To: Fennessy, Christopher [christopher.fennessy@Rocket.com]; Keller, Lynn [Keller.Lynn@epa.gov]
CC: Plate, Mathew [Plate.Mathew@epa.gov]; Stralka, Daniel [Stralka.Daniel@epa.gov]; MacDonald, Alex@Waterboards [Alex.MacDonald@waterboards.ca.gov]
Subject: RE: Area 40 Ambient Air Investigation

Hi Chris,

I still have not received feedback from Dan Gallagher as I believe he is on vacation till tomorrow. I do know that Dan did recommend soil vapor sampling for the Spring round.

I'm not sure Dan has had a chance to review your existing rationale for not conducting additional spring sampling. I will advise as soon as I hear back.

-Pete

From: Fennessy, Christopher [mailto:christopher.fennessy@Rocket.com]
Sent: Friday, March 30, 2018 12:51 PM
To: Keller, Lynn <Keller.Lynn@epa.gov>
Cc: Plate, Mathew <Plate.Mathew@epa.gov>; Stralka, Daniel <Stralka.Daniel@epa.gov>; MacDonald, Alex@Waterboards <Alex.MacDonald@waterboards.ca.gov>; MacNicholl, Peter@DTSC <Peter.MacNicholl@dtsc.ca.gov>
Subject: RE: Area 40 Ambient Air Investigation

Hi Lynn – Per the e-mail below, Aerojet Rocketdyne (AR) is not planning on conducting additional pre-remedy ambient air monitoring at Area 40. AR will submit its final monitoring report, documenting the February sampling event by mid-April in accordance with the work plan. Following remedy selection, a remedial action work plan will be prepared. This remedial action work plan will include a post-remedy sampling and analysis plan to monitor and evaluate VOC concentrations in ambient air after removal of the sources. Per prior remedy discussions, development will be limited until VOC concentrations in ambient air are below Agency-approved thresholds defined in the remedial action work plan.

Chris

Christopher M. Fennessy, P.E.
Aerojet Rocketdyne, Inc.
Engineering Manager, Site Remediation
11260 Pyrites Way, Suite 125
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Ph: 916-355-3341
Fax: 916-355-6145
Email: Christopher.Fennessy@Rocket.com

From: Fennessy, Christopher
Sent: Friday, March 16, 2018 9:57 AM
To: 'Keller, Lynn'
Cc: 'Plate, Mathew'; 'Stralka, Daniel'; MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov); MacNicholl,

Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov)

Subject: Area 40 Ambient Air Investigation

Hi Lynn – Based upon the results from the June, September, November, and February ambient air monitoring at Area 40, AR does not see the need to conduct another sampling event prior to remedy implementation. All events have had similar results for the northern area (eg locations -01, -02, -05, and -08 continue to have detectable concentrations in the north and the remaining locations are either non detect or below the indoor air screening level). None of the locations to the south or east of the southern source areas contained VOCs at concentrations above the indoor air screening level). Unacceptable risk has been documented for the north area and remedy is being designed to address this risk. The remedy will require post-remedy monitoring to ensure ambient air levels are acceptable prior to construction.

Please confirm that the April event is no longer necessary. Thanks, Chris

Christopher M. Fennessy, P.E.

Aerojet Rocketdyne, Inc.

Engineering Manager, Site Remediation

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Ph: 916-355-3341

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Email: Christopher.Fennessy@Rocket.com

From: Fennessy, Christopher

Sent: Wednesday, March 14, 2018 11:04 AM

To: 'Keller, Lynn'

Cc: Phillips, Peter (PPhillips@GilbaneCo.com); Plate, Mathew; Stralka, Daniel; MacDonald, Alex@Waterboards (Alex.MacDonald@waterboards.ca.gov); jim.rohrer@dtsc.ca.gov; MacNicholl, Peter@DTSC (Peter.MacNicholl@dtsc.ca.gov) (Peter.MacNicholl@dtsc.ca.gov)

Subject: RE: [EXTERNAL] FW: Aerojet VOC results - work order 1802025

Hi Everyone – Attached is the VI spreadsheet with updated data incorporated (new data is shaded tan). This does not include EPA splits yet. Three tabs, Aerojet buildings – winter, Aerojet buildings – summer, and AMPAC buildings. The Aerojet buildings – winter tab has prior winter results included for comparison. The AMPAC buildings tab has all AMPAC data included.

Also attached is a map showing the preliminary February Area 40 ambient air sampling results (also includes September and November results). I do not have the met data yet. Four TCE detects in February (usual locations - 1(west pond), 2(east pond), 5 (PRB), and 8 (north west of ponds)).

Let me know if you have questions. Chris

Christopher M. Fennessy, P.E.

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Email: Christopher.Fennessy@Rocket.com

From: Keller, Lynn [<mailto:Keller.Lynn@epa.gov>]

Sent: Wednesday, March 14, 2018 7:56 AM

To: Fennessy, Christopher

Cc: Phillips, Peter (PPhillips@GilbaneCo.com); Plate, Mathew; Stralka, Daniel

Subject: [EXTERNAL] FW: Aerojet VOC results - work order 1802025

Hi, Chris.

More splits attached; this one has the 20004 sample you were missing. There was also a 3.4 PCE hit at 20004-A1-01. Are you able to compile the VI results (even if preliminary) and send to us this week?

Thank you,

Lynn

Lynn M. Keller, EI, PMP

US EPA Region 9 RPM

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415.947.462

From: Bauer, Richard

Sent: Tuesday, March 13, 2018 11:47 AM

To: tbeer@gilbaneco.com; pPhillips@gilbaneco.com; Keller, Lynn <Keller.Lynn@epa.gov>

Subject: Aerojet VOC results - work order 1802025

See attached.

Richard Bauer

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